Managing Water in the West

RIO GRANDE PROJECT

El Paso Field Division 10737 Gateway Blvd. West, Suite 350 El Paso, TX 79935



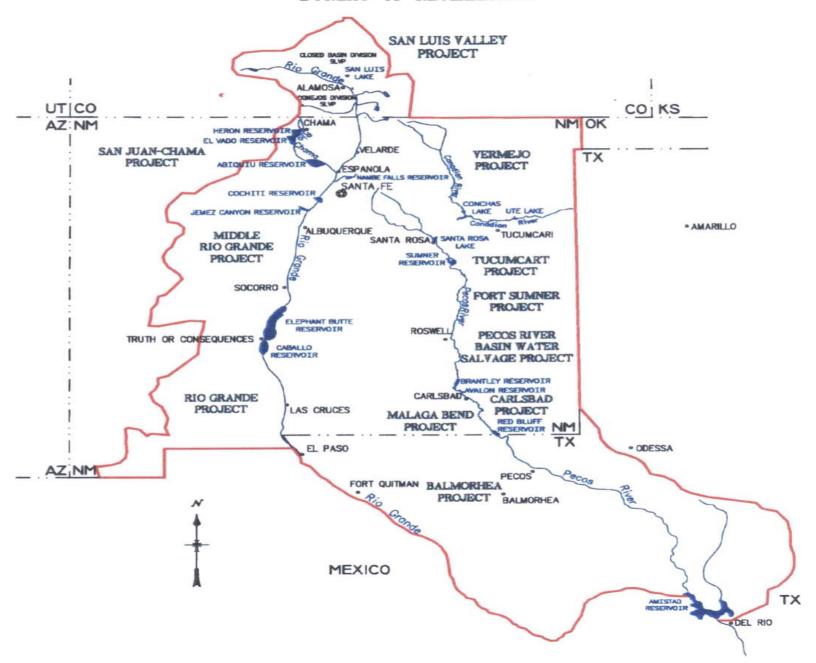
Managing Water in the West

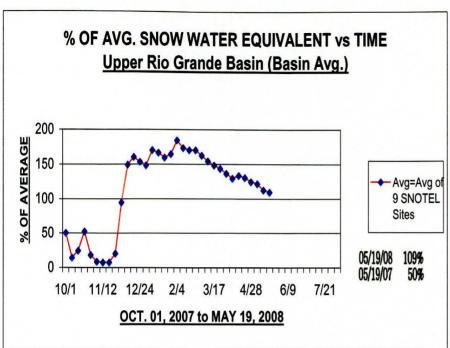
RIO GRANDE PROJECT

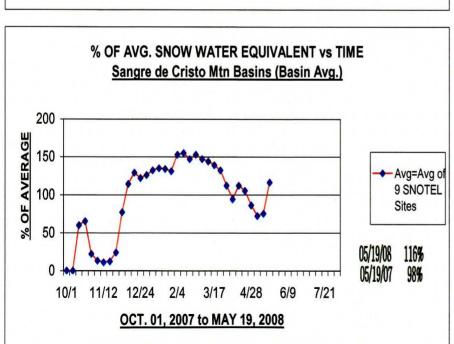
CURRENT HYDROLOGIC CONDITIONS OF UPPER RIO GRANDE BASIN

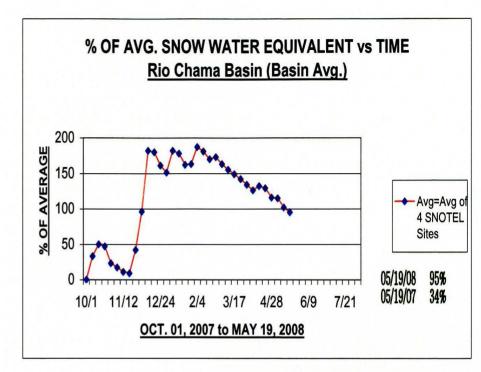


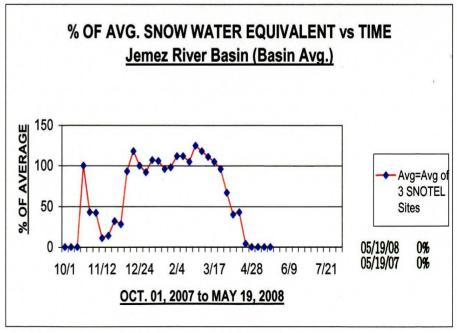
ALBUQUERQUE AREA OFFICE BUREAU OF RECLAMATION







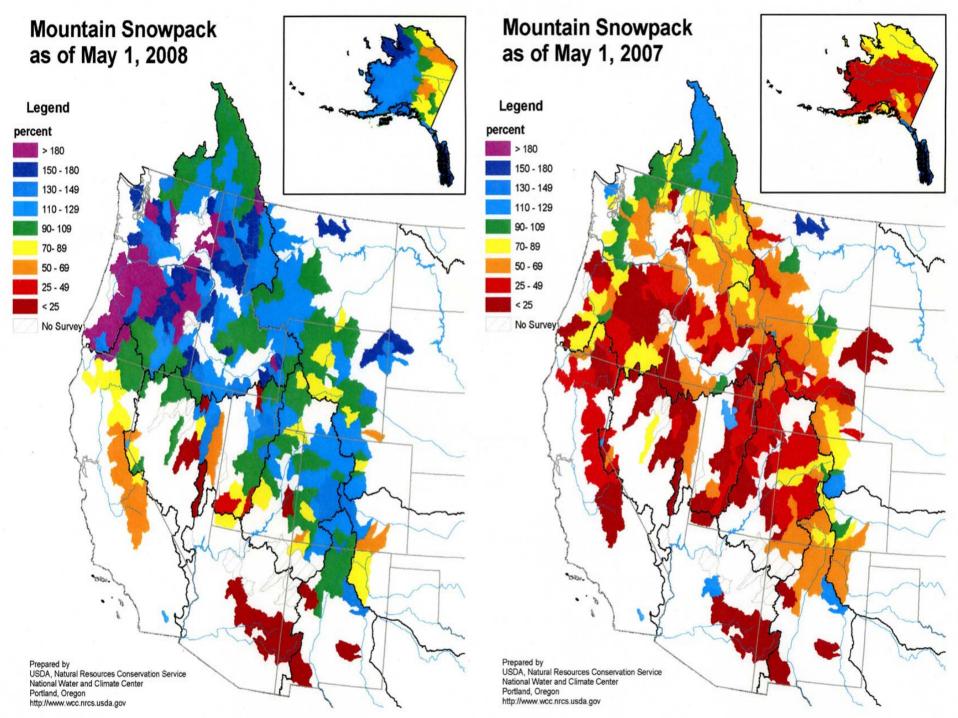












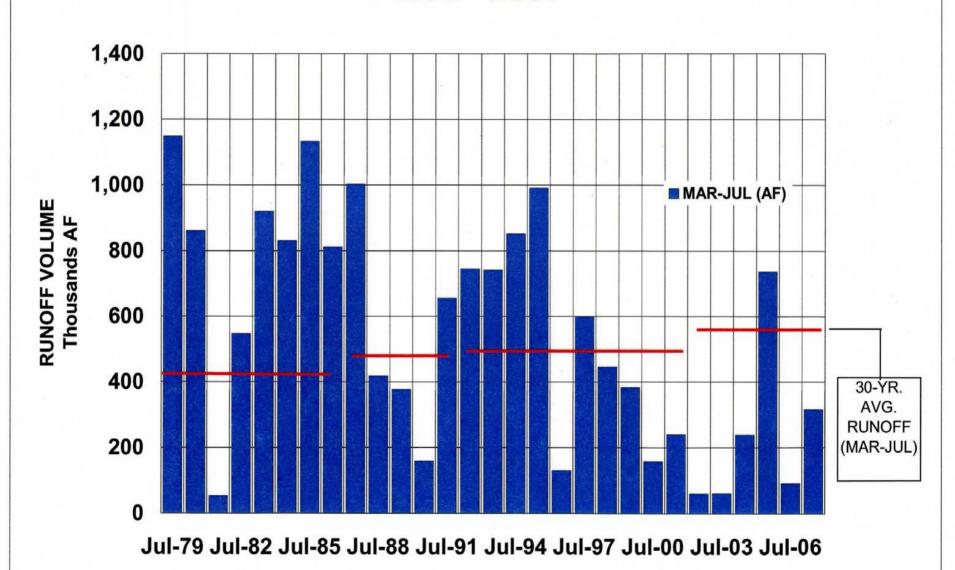
SPRING RUNOFF FORECASTS 2008

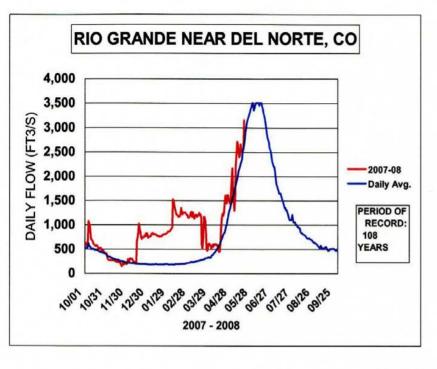
RIO GRANDE BASIN

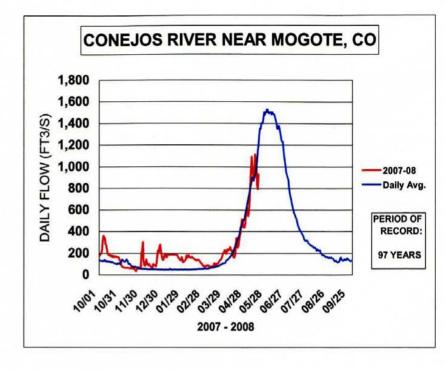
(ACRE-FEET)

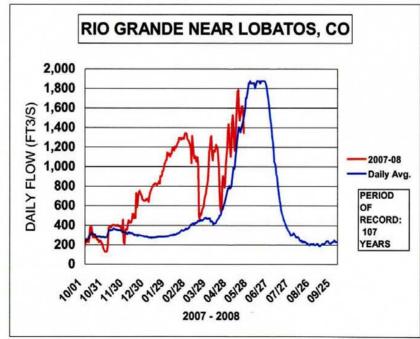
FORECAST POINT	Rio Grande nr Del Norte	Rio Chama at El Vado Reservoir	Rio Grande at Otowi Bridge	at Jemez Canyon Reservoir	Rio Grande at San Marcial
FORECAST PERIOD	APR-SEP	MAR-JUL	MAR-JUL	MAR-JUL	MAR-JUL
30-YEAR AVERAGE RUNOFF *	531,000	237,000	757,000 45,000		573,000
JANUARY 1	690,000	295,000	940,000	36,000	750,000
FORECAST	130%	124%	124%	80%	131%
FEBRUARY 1	790,000	390,000	1,300,000	50,000	1,050,000
FORECAST	149%	165%	172%	111%	183%
MARCH 1	850,000	400,000	1,380,000	52,000	1,150,000
FORECAST	160%	169%	182%	116%	201%
APRIL 1	745,000 140%	375,000	1,170,000	41,000	980,000
FORECAST		158%	155%	91%	171%
MAY 1	680,000	330,000	1,040,000	36,000	695,000
FORECAST **	128%	139%	137%	80%	121%
MAY		149,000	450,000	29,000	255,000
2007		63%	59%	64%	45%

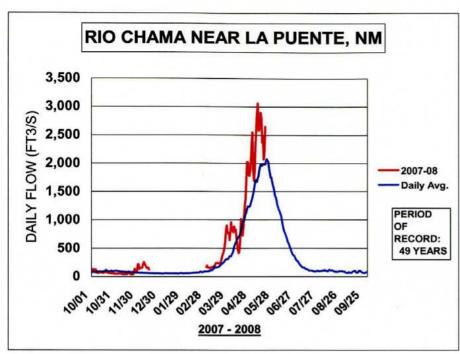
HISTORICAL RUNOFF - SAN MARCIAL 1979 - 2007

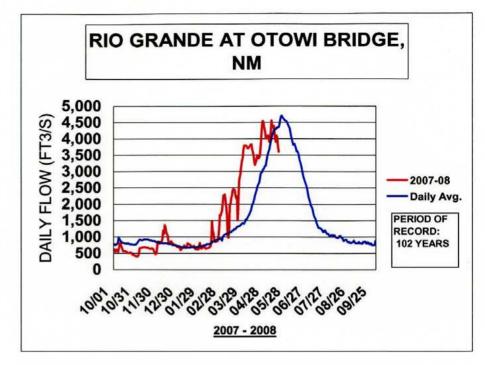


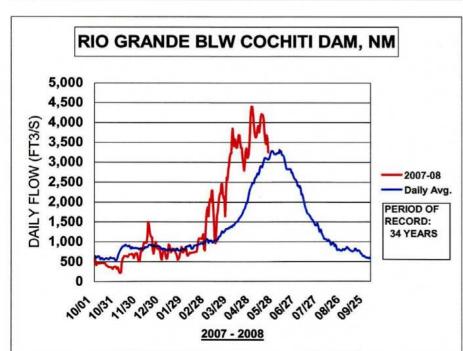


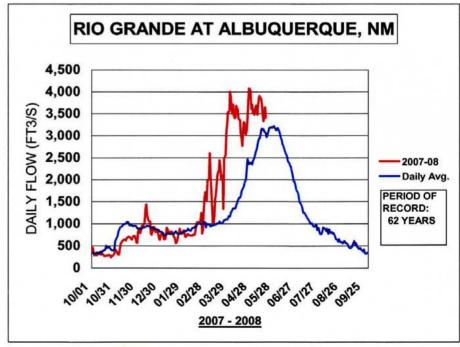






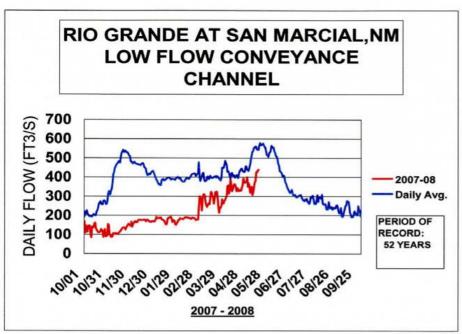


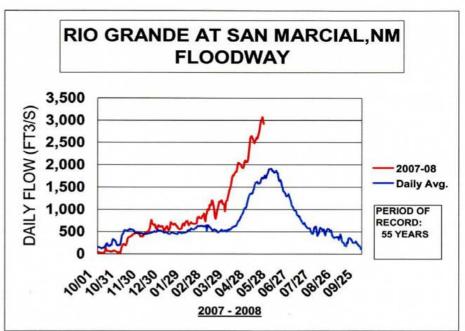


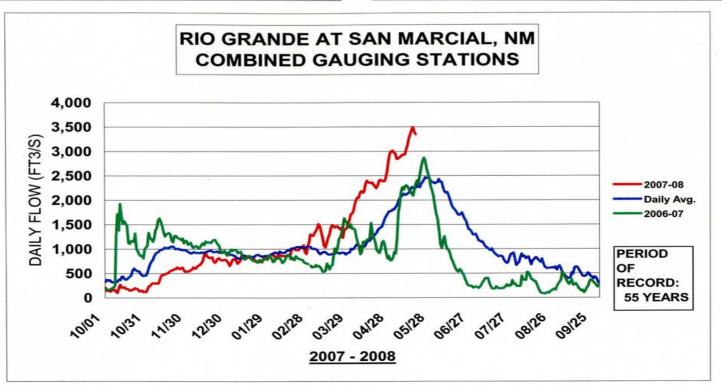


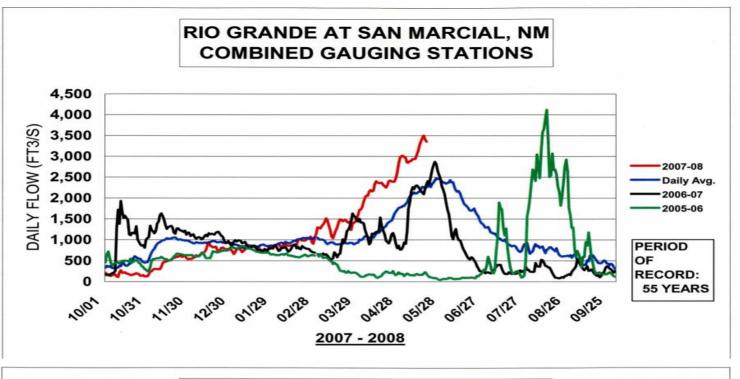


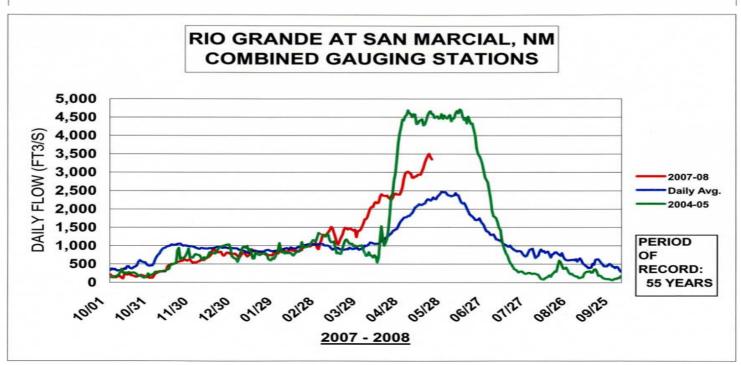










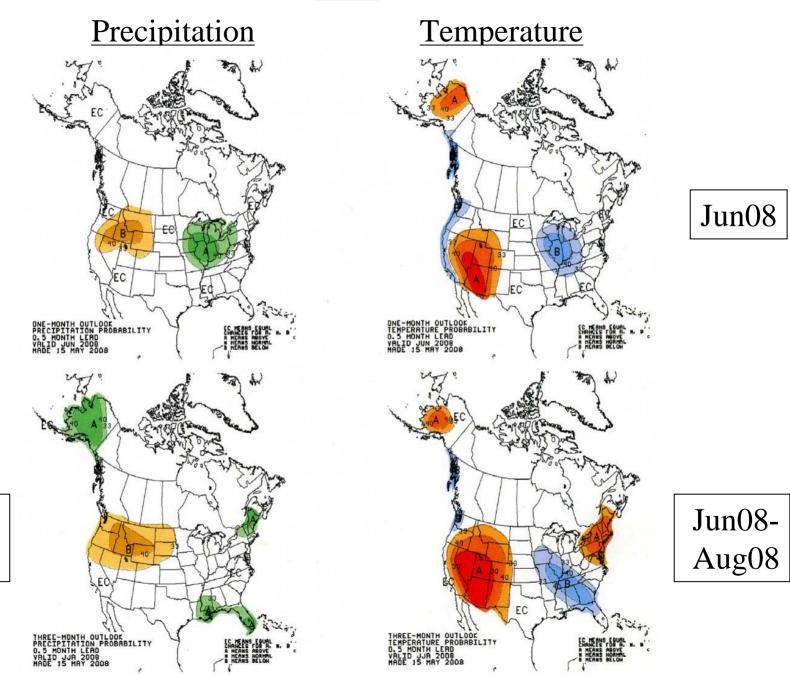


2008

Jun08

Jun08-

Aug08



Managing Water in the West

RIO GRANDE PROJECT

CURRENT RESERVOIR CONDITIONS



BUREAU OF RECLAMATION RIO GRANDE PROJECT EL PASO, TX

2008 OPERATIONAL DATA STATUS

ELEPHANT BUTT	E RESERVOIR		RESERVOIR WATER SURFACE ELEVATION (feet)	FEET BELOW SPILLWAY CREST (feet)	RESERVOIR TOTAL STORAGE (acre-feet)	PERCENT OF FULL RESERVOIR (%)	RESERVOIR WATER SURFACE AREA (acres)	PERCENT OF FULL RESERVOIR SURFACE AREA (%)
TODAY'S DATE:	Thursday,	May 22, 2008	4346.18	60.82	588,536	29.82%	14,120	40.12%
2007 HIGH POINT:	Monday,	March 26, 2007	4347.76	59.24	611,063	30.58%	14,395	40.45%
2007 LOW POINT: Gates Closed Oct.		October 24, 2007	4324.40	82.60	323,488	16.19%	10,270	28.85%
2006 LOW POINT:	Friday,	July 28, 2006	4308.50	98.50	183,875	9.32%	7,228	20.54%
2005 LOW POINT:	Saturday,	January 01, 2005	4309.94	97.06	194,426	9.73%	7,426	20.86%
2004 LOW POINT:	Friday,	September 24, 2004	4294.04 *	112.96	94,615	4.79%	4,935	14.02%

^{*} We haven't been this low at Elephant Butte Reservoir since November 1978.

CAD	ALLU	KESE	VACIL

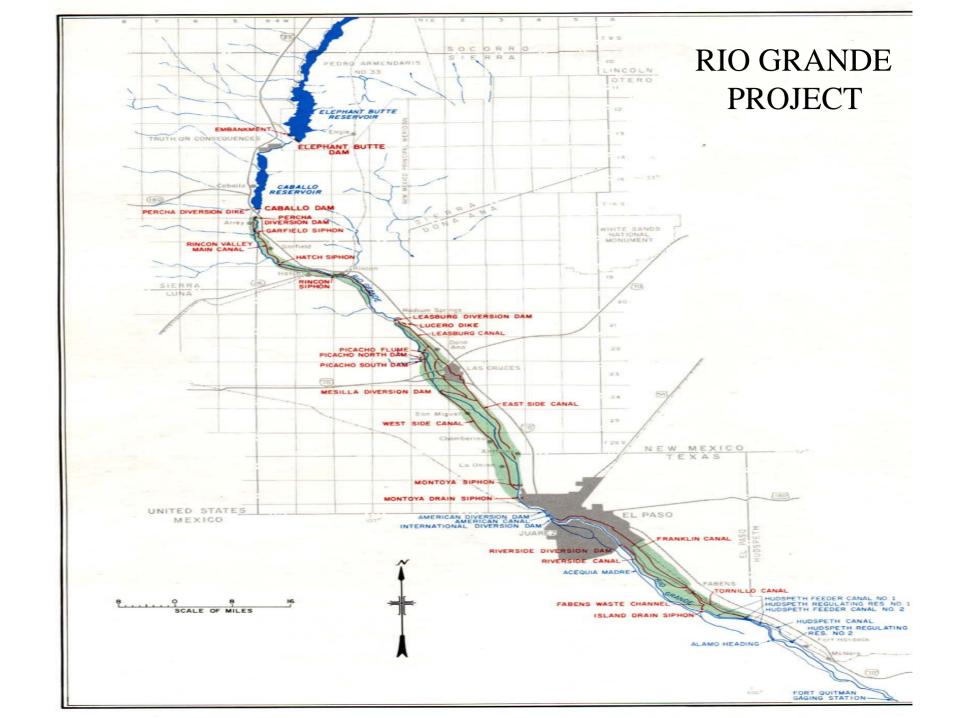
TODAY'S DATE:	Thursday,	May 22, 2008	4145.64	26.80	**	48,136	21.24%	3,877	41.46%
2007 HIGH POINT:	Wednesday,	May 23, 2007	4151.88	20.56	**	76,662	33.82%	5,243	56.07%
2007 LOW POINT: Gates Closed Oct. 26	Tuesday, 5, 2007.	October 16, 2007	4132.72	39.72	**	13,287	5.86%	1,814	19.39%
2006 FALL LOW PT.: Gates Closed Oct. 10,	Sunday, 2006.	October 08, 2006	4141.98	30.46	**	35,351	15.60%	3,121	33.37%
2005 LOW POINT: Gates Closed Oct. 1	Thursday, 4, 2005.	October 13, 2005	4131.26	41.18	**	10,744	4.74%	1,670	17.86%
2004 GATES CLOSED:	Tuesday,	September 28, 2004	4134.10	38.34	**	15,883	7.01%	1,949	20.84%
** Feet below top of c	conservation po	ool.							

RECLAMATION Managing Water in the West

RIO GRANDE PROJECT

2008 RESERVOIR OPERATIONS AND PROJECT WATER SUPPLY





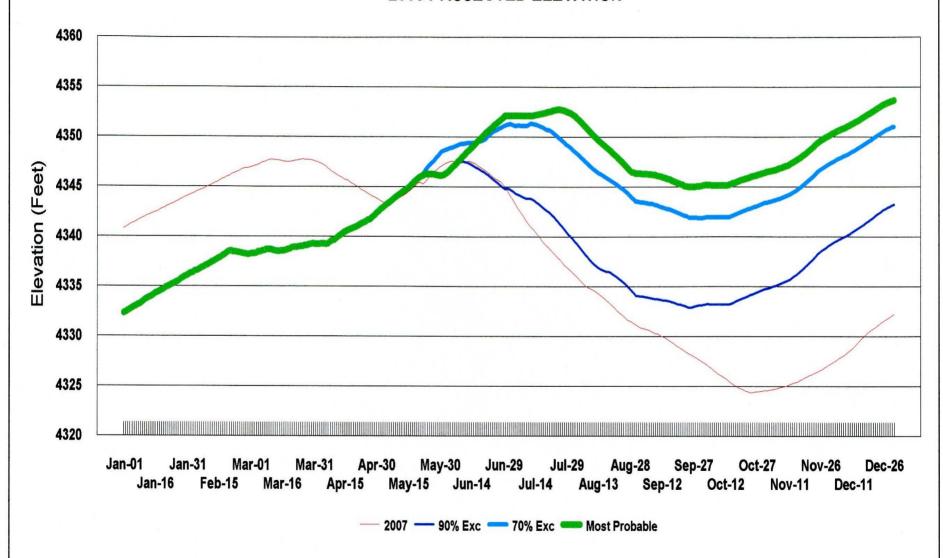
BASED ON 2008 MARCH THROUGH JULY WATER SUPPLY OUTLOOK REPOR May 1

2008 MAR-JUL @ SAN MARCIAL (NRCS forecast) 2008 MAR-JUL @ SAN MARCIAL (regulated forecast) 121% 695 KAF 132% 755 KAF

AVG	454	137	I Mar-Jul 317	55%		483		-					38	AVG
	COCHITI	NET	SAN	<====	FLEDE	HANT BUTT	TE===>	<===	CABALLO	IRRIG	EXCESS	TOTAL	CABALLO	
YEAR	RELEASE		MARCIAL											
2008	Seat.				5 951									200
JAN	45	-3	48	-1	3	455		1	-2	0	0	0	26	JAN
FEB	57	3	54	-4	5	482		1	3	7	0	7	41	FEB
MAR	140	55	84	-32	8	495		2	7	89	. 0	89	38	MAF
APR	215	78	137	-33	12	536		3	6	95	0	95	51	APF
JUN	281 243	127 16	154 227	-26 -6	16 18	589 676		3	7 -6	102	0	102	50	MA
JUL	142	-10	152	-o -7	18	680		3	-6 1	130 133	0	130	50	JUN
AUG	119	71	48	-9	18	591	128	3	3	133	0	133 132	50 40	AUC
SEP	70	23	47	-6	12	573		1	0	78	0	78	20	SEF
OCT	57	17	40	-4	10	592		1	-2	24	0	24	11	OC.
NOV	52	-7	59	1	5	645		1	-2	0	0	0	12	NO
DEC	53	-7	60	2	3	700	0	1	-3	0	0	0	14	DEC
TOTAL	1473	362	1111	-124	128		817	24	13	790	0	790	7	TOTA
AVG			I Mar-Jul		1	585							34	AVC
	1020	265	755	132%					C1-0-71					
VEAD	COCHITI	NET	SAN	<====		IANT BUTT			CABALLO		EXCESS	TOTAL	CABALLO	
2009	RELEASE	LUSSES	MARCIAL	LUSSES	EVAP	CONTENT	RELEASE	EVAP	LUSSES	DEMAND	RELEASE	RELEASE	CONTENT	200
JAN	40	-7	47	0	4	742	0	1	-3	0	0	0	16	JAN
FEB	44	-4	48	-0	8	760	23	1	-2	0	0	0	40	FEE
MAR	75	15	60	-1	10	683	128	2	2	119	0	119	45	MA
APR	157	37	120	-2	16	706	83	2	2	79	0	79	45	APF
MAY	250	55	195	-4	18	787	100	3	2	90	0	90	50	MA
JUN	197	67	130	-6	24	762	137	4	2	131	0	131	50	1UL
JUL	119	51	68	-7	18	683	136	4	-1	133	0	133	50	JUL
AUG	78	34	44	-9	14	609	113	2	-3	124	0	124	40	AUG
SEP	55	23	32	-6	12	578	57	1	-2	78	0	78	20	SEF
ОСТ	47	17	30	-2	10	575	25	1	-2	35	0	35	11	oc
NOV	52	-7	59	2	5	627	0	1	-2	0	0	0	12	NO
DEC	53	-7	60	2	3	681	0	0	-3	0	0	0	14	DEC
	1167	274	894	-33	142		803	22	-9	790	0	790		TOTA
AVG			otal Mar-Jul			683				100		730	33	AV

ELEPHANT BUTTE RESERVOIR

2008 PROJECTED ELEVATION*



^{*}Actual data thru May 11; other data is a projection..

Managing Water in the West

RIO GRANDE PROJECT

2008 PROJECT ALLOCATION



2008 Rio Grande Project Allocation

Initial Allocation - End of December, 2007

(letter issued Jan. 18, 2008)

Mexico	10,711 AF
Elephant Butte Irrigation District	59,928 AF
El Paso County Water Improvement District # 1	154,901 AF
[24.20% of a full supply]	225,540 AF *

Updated Allocation - End of January, 2008

(letter issued Feb. 21, 2008)

Mexico	26,935 AF
Elephant Butte Irrigation District	151,859 AF
El Paso County Water Improvement District # 1	232,339 AF
[44.12% of a full supply]	411,133 AF

Updated Allocation - End of February, 2008

(letter issued Mar. 20, 2008)

Mexico	31,519 AF
Elephant Butte Irrigation District	169,877 AF
El Paso County Water Improvement District # 1	258,634 AF
[49.37% of a full supply]	460,030 AF *

Updated Allocation - End of March, 2008

(letter issued Apr. 17, 2008)

Mexico	38,773 AF
Elephant Butte Irrigation District	198,384 AF
El Paso County Water Improvement District # 1	300,239 AF
[57.67% of a full supply]	537,396 AF *

Updated Allocation - End of April, 2008

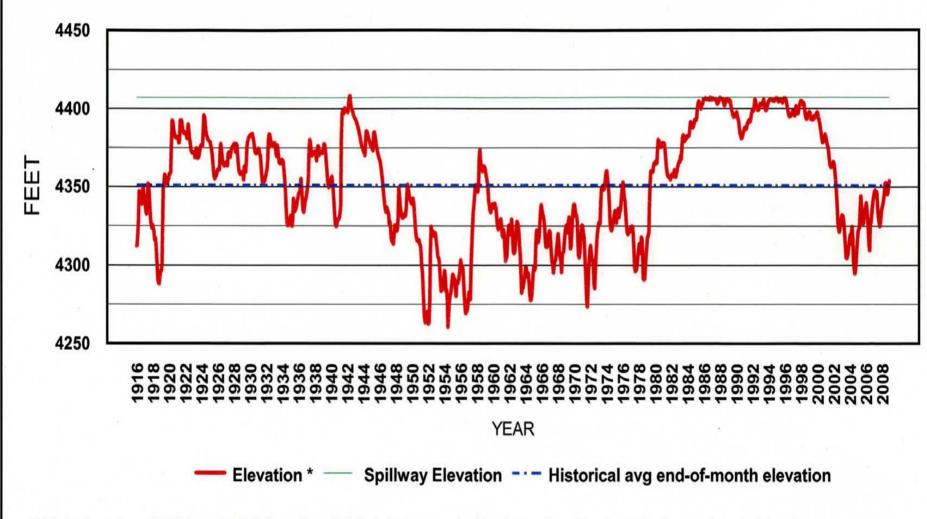
(letter issued May 19, 2008)

[73.59% of a full supply]	685,737 AF *
El Paso County Water Improvement District # 1	380,012 AF
Elephant Butte Irrigation District	253,045 AF
Mexico	52,680 AF

Project water supply available for diversion at the authorized canal headings.

ELEPHANT BUTTE RESERVOIR

HISTORICAL END-OF-MONTH ELEVATION**



^{**}Data thru Apr. 2008 is actual data; other 2008 data is a projection based on Reclamation's most probable plan.

^{*} BOR project datum. To obtain mean sea level datum, add 43.3 feet

Managing Water in the West

RIO GRANDE PROJECT

SUPPORTING INFORMATION



RECLANIATION Managing Water in the West

RIO GRANDE PROJECT

INFLOW TO ELEPHANT BUTTE RESERVOIR AT SAN MARCIAL STATIONS

	2007			2008				
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Total
	10,217	27,189	44,941	48,363	53,726	84,367	137,429	406,232
Avg.	30,000	59,000	60,000	47,000	48,000	60,000	120,000	424,000

Mar.-Jul. 2007 = 55.3% of average(316,976 AF)

Mar. 2008 - Apr. 2008 = 123.2% of average

Oct. 2007 - Feb. 2008 = 75.6% of average

Projected Mar. 2008 - Jul. 2008 = 132.0% of average

ELEPHANT BUTTE RESERVOIR 2008 PROJECTED LAKE ELEVATIONS SUMMARY TABLE

WTreers 5/21/2008

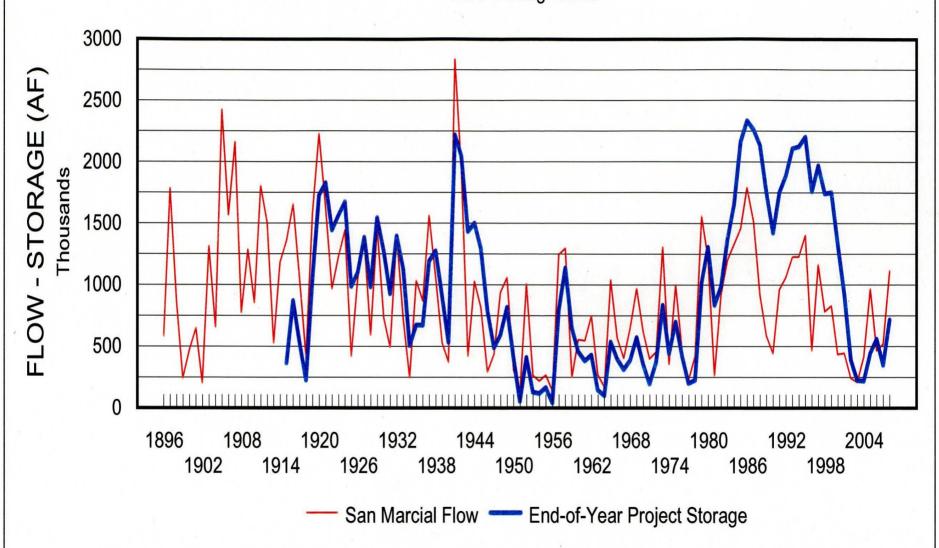
[SUBJECT TO REVISION]

Memorial Day	CT TO REVISIO				
ndependence Day r 01 = Labor Day	Elevation (feet) *	Storage (acre-feet)	Lake Surface Area (acres)	Difference In Elevation From 2007	
END OF SEASON ELEVATION: October 24, 2007	4324.40	323,488	10,270	-6.24	(Diff. from 2006)
TODAY - MAY 21, 2008:	4346.08	587,125	14,103	0.66	
2008 RIO GRANDE PRO SAN MARCIAL MOST PROB					
May 26, 2008	4346.31	590,439	14,143	0.11	(-0.27 from 5/28/07
July 04, 2008	4352.14	676,052	15,422	8.50	
July 26, 2008 (High Pt.)	4352.79	686,136	15,616	15.07	
September 01, 2008	4346.39	591,519	14,157	15.39	(15.55 from 9/3/07)
October 14, 2008 (Low Pt.)	4345.23	575,134	13,955	19.71	(20.83 from 10/24/0
December 31, 2008	4353.68	700,179	15,881	21.46	
2008 RIO GRANDE PRO SAN MARCIAL 70% EXCEED			500	₩	
May 26, 2008	4347.36	605,280	14,325	1.16	(0.78 from 5/28/07
July 04, 2008	4351.20	661,672	15,142	7.56	
July 13, 2008 (High Pt.)	4351.34	663,796	15,184	10.50	
September 01, 2008	4343.52	551,523	13,658	₩	(12.68 from 9/3/07
October 15, 2008 (Low Pt.)	4342.04	531,503	13,401	₩	(17.64 from 10/24/0
December 31, 2008 2008 RIO GRANDE PRO	4351.03	659,203	15,091	18.81	ee
SAN MARCIAL 90% EXCEED				₩	
May 26, 2008	4346.31	590,439	14,143	0.11	(-0.27 from 5/28/0
June 10, 2008 (High Pt.)	4347.53	607,766	14,355	-0.05	
July 04, 2008	4344.51	565,198	13,830	0.87	
September 01, 2008	4334.07	430,524	11,933	***	(3.23 from 9/3/07)
October 15, 2008 (Low Pt.)	4333.27	421,072	11,783	7.91	(8.87 from 10/24/0)
December 31, 2008	4343.20	547,215	13,602	2000 10.90	

^{*} Rio Grande Project datum; to obtain USGS mean sea level, add 43.30 feet.

^{**} Based on NRCS/NWS May 1st runoff forecasts, and adjusted for upstream reservoir regulation and middle valley gains.

SAN MARCIAL FLOW - RIO GRANDE PROJECT STORAGE 1896 Through 2008*



^{*} End-of-year project storage and San Marcial flow for 2008 is a projection based on Rio Grande Project most probable plan.

STATUS OF RIO GRANDE COMPACT CREDIT WATERS IN ELEPHANT BUTTE RESERVOIR SINCE LAST SPILL FROM RIO GRANDE PROJECT STORAGE *

YEAR	COLORADO (acre-feet)	NEW MEXICO (acre-feet)	
1995	0	0	SPILL YEAR
1996	2,400	68,800	
1997	2,900	105,500	
1998	11,500	153,100	
1999	17,700	170,700	
2000	27,000	269,100	
2001	10,100	155,700	
2002	42,800	265,000	
2003	1,200	54,000	
2004	4,400	35,600	
2005	4,600	37,100	
2006	15,500	180,100	
2007	7,200	184,500	

^{*} derived from Rio Grande Compact Commission yearly reports.

ELEPHANT BUTTE RESERVOIR

TOTAL STORAGE

2.023.358 AF

(ELEV 4407.00 FT)

Top of Conservation Storage Pool:

Top of Conservation Storage Pool:

1,998,358 AF

25,000 AF (WINTER)

FLOOD RESERVATION POOL

Winter (October 1 - March 31)

(Rio Grande Project Authorization)

(ELEV 4406.30 FT)

Top of Conservation Storage Pool:

1,973,358 AF

50,000 AF (SUMMER)

Summer (April 1 - September 30)

(ELEV 4405.60 FT)

Top of City of Albuquerque SJ-C Pool: 1983 Contract for irrig, and domestic

50,000 AF (ELEV 4295.11 FT)

Top of Federal Recreation Pool:

50,000 AF

1974 Public Law 93-493, 88 Stat. 1486 (ELEV 4282.68 FT)

CABALLO RESERVOIR

EXCLUSIVE

100,000 AF

FLOOD CONTROL

Top of Flood Control Pool:

326.672 AF

(ELEV 4182.00 FT)

Top of Conservation Storage Pool:

226.672 AF

(ELEV 4172.44 FT)

Top of Minimum Fishery Pool:

25,000 AF

Biological Opinion (1991)

(ELEV 4138.24 FT)

Court Order No. CIV-90-95 HB/WWD:

October 1 - January 31 (each year), storage level will not exceed 50,000 AF (elev 4146.11 ft)

Operation Plan of Caballo Reservoir during 2008:

February 1 - September 30 (2008), storage level will be maintained such that the storage level shall not exceed 57,000 AF (elev 4147.79 ft) nor drop below 10,000 AF (elev 4130.81 ft) from Feb. 1 to Sep. 30

RIO GRANDE PROJECT HISTORICAL ALLOCATION OF PROJECT WATER SUPPLY

WTreers 03/05/2008

	EO FEB.	SAN			INITIAL	FINAL	EO OCT.	MEXICO	INITIAL	CABALLO
	TOTAL RIO	MARCIAL	INITIAL	FINAL	ALLOTMENT	ALLOTMENT	TOTAL RIO	DIVERSION	RELEASE	DAM
	GRANDE	SPRING	ALLOTMENT	ALLOTMENT	TO PROJECT	TO PROJECT	GRANDE	AT ACEQUIA	DATE	TOTAL
		RUNOFF	TO PROJECT	TO PROJECT	CANAL	CANAL	PROJECT	MADRE	FROM	YEARLY
	PROJECT		LANDS	LANDS	HEADINGS	HEADINGS	STORAGE	HEADING	CABALLO	RELEASE
	STORAGE	(Mar-Jul)		(acre-foot/acre)	(acre-feet)	(acre-feet)	(acre-feet)	(acre-feet)	DAM	(acre-feet)
YEAR	(acre-feet)	(acre-feet)	(acre-foot/acre)	(acre-root/acre)	(acre-reet)	(acre-reet)	(acit-icet)	•		
1951	452,730	17,877	1.00	1.75			32,900	33,059 49,890	03/06 03/20	469,450 543,975
1952	103,920	832,160	0.21	2.50			370,950		03/10	528,628
1953	468,600	143,170	1.00	1.90			99,990	37,760		244,165
1954	184,460	76,720	0.42	0.50			91,480	10,147	03/20	
1955	169,850	68,920	0.21	0.42			129,700	8,185	03/20	219,157
1956	212,180	59,885	0.33	0.39			31,040	7,864	03/18	246,140
1957	77,130	600,680	0.10	1.17			645,760	23,290	03/20	397,103
1958	857,510	988,030	1.75	4.00			1,007,170	60,050	03/01	737,125
1959	1,185,120	72,590	3.00	3.50			575,670	60,110	03/02	687,414
1960	713,550	410,900	2.25	3.25			405,820	60,320	03/02	705,162
1961	492,870	269,550	1.25	2.45			223,080	48,610	03/10	561,697
1962	486,570	448,250	1.75	3.25			269,580	60,057	03/05	651,941
1963	513,170	116,765	1.85	2.00			109,440	39,693	03/05	517,172
1964	194,790	67,930	0.25	0.33			58,670	6,653	03/15	206,085
1965	172,340	598,290	0.17	1.85			340,940	36,658	03/20	505,598
1966	627,430	328,380	1.75	2.50			312,910	49,618	03/05	610,341
1967	454,710	74,090	1.25	1.50			223,340	29,829	02/27	456,517
1968	386,860	238,560	1.00	2.00			277,530	39,677	02/27	505,691
1969	466,970	358,710	1.25	3.00			387,410	59,884	02/27	667,669
1970	614,620	257,960	2.00	3.00			223,870	60,065	02/23	661,125
1971	435,640	112,837	1.50	1.75			75,540	34,847	02/26	498,375
1972	283,380	77,630	0.60	0.80			258,910	16,077	03/01	260,911
1973	457,960	914,090	1.00	3.00			707,340	60,000	03/09	617,461
1974	915,650	95,430	3.00	3.00			376,650	60,050	03/02	640,843
1975	507,700	617,850	1.00	3.00			534,490	60,052	01/24	580,617
1976	762,230	204,260	2.50	3.00			353,910	60,172	01/16	679,676
1977	482,460	43,374	1.00	1.25			140,460	24,824	03/03	416,496
1978	268,220	248,610	0.25	0.75			112,160	14,903	03/10	356,167
1979	328,690	1,148,880	0.67	3.00		790,000	855,640	60,055	03/08	568,687
1980	1,080,400	861,894	3.00	3.00		790,000	1,178,400	60,033	01/17	658,686
1981	1,339,860	54,256	3.00	3.00	750,650	750,650	774,380	60,262	02/04	608,166
1982	878,660	548,573	3.00	3.00	790,000	790,000	866,140	59,257	01/27	635,642
1983	1,070,130	920,545	3.00	3.00	790,000	790,000	1,289,750	60,621	02/03	648,386
1984	1,424,200	831,291	3.00	3.00	902,000	902,000	1,515,500	58,588	02/09	653,150
1985	1,747,700	1,133,599	3.00	3.00	902,000	902,000	2,121,600	60,276	02/20	677,398
		812,686			902,000	902,000	2,290,800	66,163	04/01	1,396,165
1986	2,322,200		_		902,000	902,000	2,168,400	65,866	02/03	1,376,099
1987	2,336,900	1,003,319	_		902,000	902,000	2,060,100	61,935	01/20	838,008
1988	2,383,900	419,098			890,900	890,900	1,705,300	58,854	02/13	736,866
1989	2,151,900	378,144			931,841	931,841	1,319,400	58,353	02/13	680,107
1990	1,801,000	159,213						59,242	02/19	625,956
1991	1,509,660	656,638	_		931,841	931,841	1,580,080	58,080	02/19	734,982
1992	1,830,380	745,950			931,841	931,841	1,802,720			823,263
1993	1,980,230	742,508			931,841	931,841	1,978,640	63,763	01/12	
1994	2,155,690	852,845			931,841	931,841	2,003,860	60,167	01/11	893,384
1995	2,203,730	991,736			931,841	931,841	2,083,050	63,618	01/17	1,096,146
1996	2,263,420	131,980			931,841	931,841	1,689,550	60,063	01/12	774,335
1997	1,814,910	600,666			931,841	931,841	1,814,980	59,442	01/21	798,621
1998	2,036,000	447,172			931,841	931,841	1,636,860	60,628	01/16	808,661
1999	1,803,410	384,225			931,841	931,841	1,658,810	58,308	01/27	735,467
2000	1,804,980	159,000			931,841	931,841	1,243,900	60,611	01/20	751,373
2001	1,359,370	241,000			931,841	931,841	856,910	61,037	02/02	786,549
2002	974,610	61,095			738,139	931,841	323,190	60,324	02/19	801,147
2003	456,140	62,029			74,860	317,495	170,490	26,948	03/17	364,528
2004	288,480	240,387			43,667	353,944	128,010	27,613	03/12	398,612
2005	331,000	738,095			138,549	931,841	362,060	58,091	03/09	676,031
2006	517,170	92,521			351,560	472,426	436,950	27,112	03/08	434,228
2007	644,990	316,979			369,466	760,391	346,170	51,245	03/07	636,730